

Bratcher, Mike, EMNRD

From: Michael Stubblefield [mstubblefield@talonlpe.com]
Sent: Wednesday, September 28, 2011 8:51 AM
To: Bratcher, Mike, EMNRD
Cc: mbarrett@limerockresources.com.; Jerry Smith
Subject: FW: CONDOR B FEDERAL NO 1H TANK BATTERY
Attachments: H102026 TALON.pdf

Dear Mr. Mike Bratcher,

Talon/LPE is sending you the analytical results for the soil samples collected on 9/22/2011 at the Condor 8 Federal No. 1H battery.
Please review the analytical results, Lime Rock Resources is requesting permission to start backfilling the excavated area with new soil.

Sincerely,

Mike Stubblefield
Talon/LPE
Project Manager

From: Celey Keene [<mailto:celey.keene@cardinallabsnm.com>]
Sent: Friday, September 23, 2011 3:53 PM
To: Michael Stubblefield
Cc: David Adkins
Subject: CONDOR B FEDERAL NO 1H TANK BATTERY

THANK YOU,

Celey Keene
Lab Director
Cardinal Laboratories
101 East Marland
Hobbs, NM 88240
T: (575) 393-2326
F: (575) 393-2476
e-mail: celey.keene@cardinallabsnm.com

September 23, 2011

MIKE STUBBLEFIELD
TALON LPE
408 W. TEXAS AVE.
ARTESIA, NM 88210

RE: CONDOR 8 FEDERAL NO. 1H TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 09/22/11 12:04.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	09/22/2011	Sampling Date:	09/22/2011
Reported:	09/23/2011	Sampling Type:	Soil
Project Name:	CONDOR 8 FEDERAL NO. 1H TANK BATT	Sampling Condition:	Cool & Intact
Project Number:	7	Sample Received By:	Jodi Henson
Project Location:	SEC.8-T18S - R27E		

Sample ID: S-1 BOTTOM EXCAVATION (H102026-01)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/23/2011	ND	2.21	110	2.00	1.34		
Toluene*	0.061	0.050	09/23/2011	ND	2.10	105	2.00	1.28		
Ethylbenzene*	0.121	0.050	09/23/2011	ND	2.10	105	2.00	1.79		
Total Xylenes*	0.388	0.150	09/23/2011	ND	6.27	105	6.00	1.90		

Surrogate: 4-Bromofluorobenzene (PIL) 128 % 64.4-134

TPH 8015M		mg/kg		Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	09/22/2011	ND	171	85.7	200	0.252		
DRO >C10-C28	154	10.0	09/22/2011	ND	165	82.7	200	0.260		

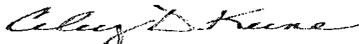
Surrogate: 1-Chlorooctane 111 % 55.5-154

Surrogate: 1-Chlorooctadecane 113 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

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 TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	09/22/2011	Sampling Date:	09/22/2011
Reported:	09/23/2011	Sampling Type:	Soil
Project Name:	CONDOR 8 FEDERAL NO. 1H TANK BATT	Sampling Condition:	Cool & Intact
Project Number:	7	Sample Received By:	Jodi Henson
Project Location:	SEC.8-T18S - R27E		

Sample ID: S-2 NORTHSIDE WALL (H102026-02)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/23/2011	ND	2.21	110	2.00	1.34		
Toluene*	0.057	0.050	09/23/2011	ND	2.10	105	2.00	1.28		
Ethylbenzene*	0.099	0.050	09/23/2011	ND	2.10	105	2.00	1.79		
Total Xylenes*	0.294	0.150	09/23/2011	ND	6.27	105	6.00	1.90		

Surrogate: 4-Bromofluorobenzene (PIL) 117% 64.4-134

TPH 8015M		mg/kg		Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	09/22/2011	ND	171	85.7	200	0.252		
DRO >C10-C28	27.3	10.0	09/22/2011	ND	165	82.7	200	0.260		

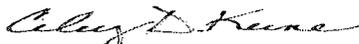
Surrogate: 1-Chlorooctane 108% 55.5-154

Surrogate: 1-Chlorooctadecane 99.9% 57.6-158

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* = Accredited Analyte

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 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	09/22/2011	Sampling Date:	09/22/2011
Reported:	09/23/2011	Sampling Type:	Soil
Project Name:	CONDOR 8 FEDERAL NO. 1H TANK BATT	Sampling Condition:	Cool & Intact
Project Number:	7	Sample Received By:	Jodi Henson
Project Location:	SEC.8-T18S - R27E		

Sample ID: S-3 EASTSIDE WALL (H102026-03)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/23/2011	ND	2.21	110	2.00	1.34		
Toluene*	<0.050	0.050	09/23/2011	ND	2.10	105	2.00	1.28		
Ethylbenzene*	<0.050	0.050	09/23/2011	ND	2.10	105	2.00	1.79		
Total Xylenes*	<0.150	0.150	09/23/2011	ND	6.27	105	6.00	1.90		

Surrogate: 4-Bromofluorobenzene (PIL) 108 % 64.4-134

TPH 8015M		mg/kg		Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	09/22/2011	ND	171	85.7	200	0.252		
DRO >C10-C28	82.8	10.0	09/22/2011	ND	165	82.7	200	0.260		

Surrogate: 1-Chlorooctane 106 % 55.5-154

Surrogate: 1-Chlorooctadecane 94.2 % 57.6-158

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 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	09/22/2011	Sampling Date:	09/22/2011
Reported:	09/23/2011	Sampling Type:	Soil
Project Name:	CONDOR 8 FEDERAL NO. 1H TANK BATT	Sampling Condition:	Cool & Intact
Project Number:	7	Sample Received By:	Jodi Henson
Project Location:	SEC.8-T18S - R27E		

Sample ID: S-4 SOUTHSIDE WALL (H102026-04)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/23/2011	ND	2.21	110	2.00	1.34		
Toluene*	0.082	0.050	09/23/2011	ND	2.10	105	2.00	1.28		
Ethylbenzene*	<0.050	0.050	09/23/2011	ND	2.10	105	2.00	1.79		
Total Xylenes*	<0.150	0.150	09/23/2011	ND	6.27	105	6.00	1.90		

Surrogate: 4-Bromofluorobenzene (PIL) 106 % 64.4-134

TPH 8015M		mg/kg		Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	09/22/2011	ND	171	85.7	200	0.252		
DRO >C10-C28	11.6	10.0	09/22/2011	ND	165	82.7	200	0.260		

Surrogate: 1-Chlorooctane 113 % 55.5-154

Surrogate: 1-Chlorooctadecane 104 % 57.6-158

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Received:	09/22/2011	Sampling Date:	09/22/2011
Reported:	09/23/2011	Sampling Type:	Soil
Project Name:	CONDOR 8 FEDERAL NO. 1H TANK BATT	Sampling Condition:	Cool & Intact
Project Number:	7	Sample Received By:	Jodi Henson
Project Location:	SEC.8-T18S - R27E		

Sample ID: S-5 WESTSIDE WALL (H102026-05)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/23/2011	ND	2.21	110	2.00	1.34		
Toluene*	<0.050	0.050	09/23/2011	ND	2.10	105	2.00	1.28		
Ethylbenzene*	<0.050	0.050	09/23/2011	ND	2.10	105	2.00	1.79		
Total Xylenes*	<0.150	0.150	09/23/2011	ND	6.27	105	6.00	1.90		

Surrogate: 4-Bromofluorobenzene (PIL) 109 % 64.4-134

TPH 8015M		mg/kg		Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	09/22/2011	ND	171	85.7	200	0.252		
DRO >C10-C28	694	10.0	09/22/2011	ND	165	82.7	200	0.260		

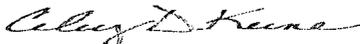
Surrogate: 1-Chlorooctane 111 % 55.5-154

Surrogate: 1-Chlorooctadecane 105 % 57.6-158

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 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	09/22/2011	Sampling Date:	09/22/2011
Reported:	09/23/2011	Sampling Type:	Soil
Project Name:	CONDOR 8 FEDERAL NO. 1H TANK BATT	Sampling Condition:	Cool & Intact
Project Number:	7	Sample Received By:	Jodi Henson
Project Location:	SEC.8-T18S - R27E		

Sample ID: S-6 BOTTOM FLOWPATH (H102026-06)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/23/2011	ND	2.21	110	2.00	1.34		
Toluene*	<0.050	0.050	09/23/2011	ND	2.10	105	2.00	1.28		
Ethylbenzene*	<0.050	0.050	09/23/2011	ND	2.10	105	2.00	1.79		
Total Xylenes*	<0.150	0.150	09/23/2011	ND	6.27	105	6.00	1.90		

Surrogate: 4-Bromofluorobenzene (PIL) 111 % 64.4-134

TPH 8015M		mg/kg		Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	09/23/2011	ND	171	85.7	200	0.252		
DRO >C10-C28	792	10.0	09/23/2011	ND	165	82.7	200	0.260		

Surrogate: 1-Chlorooctane 114 % 55.5-154

Surrogate: 1-Chlorooctadecane 106 % 57.6-158

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 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	09/22/2011	Sampling Date:	09/22/2011
Reported:	09/23/2011	Sampling Type:	Soil
Project Name:	CONDOR 8 FEDERAL NO. 1H TANK BATT	Sampling Condition:	Cool & Intact
Project Number:	7	Sample Received By:	Jodi Henson
Project Location:	SEC.8-T18S - R27E		

Sample ID: S-7 WESTSIDE WALL FLOWPATH (H102026-07)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/23/2011	ND	2.21	110	2.00	1.34		
Toluene*	0.547	0.050	09/23/2011	ND	2.10	105	2.00	1.28		
Ethylbenzene*	<0.050	0.050	09/23/2011	ND	2.10	105	2.00	1.79		
Total Xylenes*	<0.150	0.150	09/23/2011	ND	6.27	105	6.00	1.90		

Surrogate: 4-Bromofluorobenzene (PIL) 109 % 64.4-134

TPH 8015M		mg/kg		Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	09/23/2011	ND	171	85.7	200	0.252		
DRO >C10-C28	122	10.0	09/23/2011	ND	165	82.7	200	0.260		

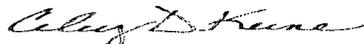
Surrogate: 1-Chlorooctane 111 % 55.5-154

Surrogate: 1-Chlorooctadecane 109 % 57.6-158

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 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	09/22/2011	Sampling Date:	09/22/2011
Reported:	09/23/2011	Sampling Type:	Soil
Project Name:	CONDOR 8 FEDERAL NO. 1H TANK BATT	Sampling Condition:	Cool & Intact
Project Number:	7	Sample Received By:	Jodi Henson
Project Location:	SEC.8-T18S - R27E		

Sample ID: S-8 EASTSIDE WALL FLOWPATH (H102026-08)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/23/2011	ND	2.21	110	2.00	1.34		
Toluene*	0.074	0.050	09/23/2011	ND	2.10	105	2.00	1.28		
Ethylbenzene*	<0.050	0.050	09/23/2011	ND	2.10	105	2.00	1.79		
Total Xylenes*	<0.150	0.150	09/23/2011	ND	6.27	105	6.00	1.90		

Surrogate: 4-Bromofluorobenzene (PIL) 109 % 64.4-134

TPH 8015M		mg/kg		Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	09/23/2011	ND	171	85.7	200	0.252		
DRO >C10-C28	556	10.0	09/23/2011	ND	165	82.7	200	0.260		

Surrogate: 1-Chlorooctane 108 % 55.5-154

Surrogate: 1-Chlorooctadecane 97.0 % 57.6-158

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 MIKE STUBBLEFIELD
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 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	09/22/2011	Sampling Date:	09/22/2011
Reported:	09/23/2011	Sampling Type:	Soil
Project Name:	CONDOR 8 FEDERAL NO. 1H TANK BATT	Sampling Condition:	Cool & Intact
Project Number:	7	Sample Received By:	Jodi Henson
Project Location:	SEC.8-T18S - R27E		

Sample ID: S-9 BOTTOM FLOWPATH (H102026-09)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/23/2011	ND	2.21	110	2.00	1.34		
Toluene*	<0.050	0.050	09/23/2011	ND	2.10	105	2.00	1.28		
Ethylbenzene*	<0.050	0.050	09/23/2011	ND	2.10	105	2.00	1.79		
Total Xylenes*	<0.150	0.150	09/23/2011	ND	6.27	105	6.00	1.90		

Surrogate: 4-Bromofluorobenzene (PII) 110 % 64.4-134

TPH 8015M		mg/kg		Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	09/23/2011	ND	171	85.7	200	0.252		
DRO >C10-C28	121	10.0	09/23/2011	ND	165	82.7	200	0.260		

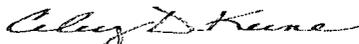
Surrogate: 1-Chlorooctane 100 % 55.5-154

Surrogate: 1-Chlorooctadecane 98.9 % 57.6-158

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

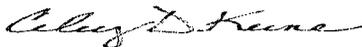
Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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